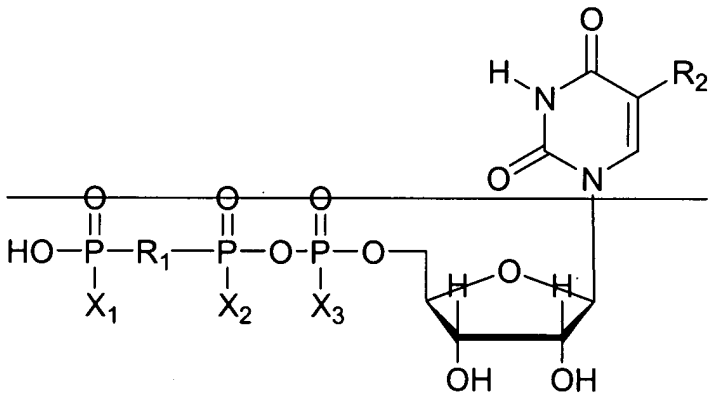
In the Claims

1. (Currently Amended) A method of enhancing drainage of the lacrimal system comprising the step of administering to the eyes of a subject an effective amount of a preparation comprising a ~~compound selected from the group consisting of uridine 5'-triphosphate and derivatives as depicted in Formula I,~~ dinucleoside ~~polyphosphaces~~ polyphosphate as depicted in Formulae II, II(a) and II(b), ~~adenosine 5'-triphosphate derivatives as depicted in Formula III, and cytidine 5'-triphosphate derivatives as depicted in Formula IV, and~~ or their pharmaceutically acceptable salts;

whereby said preparation ~~enhances~~ is effective in enhancing drainage of the lacrimal system in the eyes in the subject:

~~**Formula I**~~



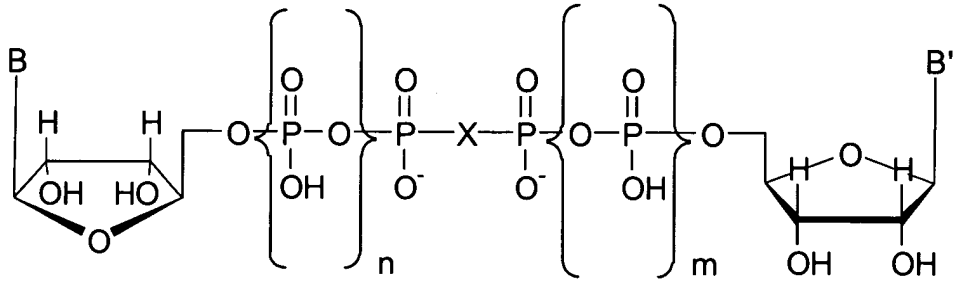
~~wherein:~~

~~X_1, X_2 and X_3 are each independently either O^- or S;~~

~~R_1 is O, imido, methylene or dihalomethylene;~~

~~R_2 is H or Br;~~

FORMULA II



wherein:

X is oxygen, imido, methylene or difluoromethylene;

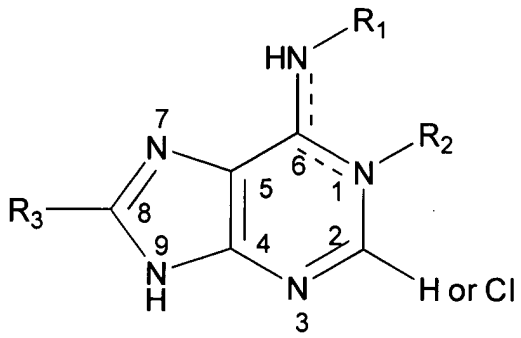
n = 0 or 1;

m = 0 or 1;

n + m = 0, 1 or 2; and

B and B' are each independently a purine residue, as in Formula IIa, or a pyrimidine residue, as in Formula IIb, linked through the 9- or 1-position, respectively:

Formula IIa

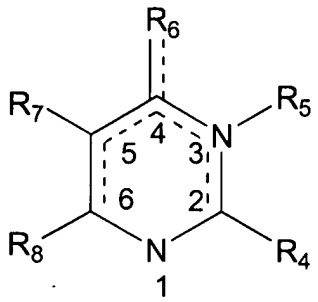


wherein:

R_3 is H or NHR_1;

R_1 of the 6- or 8-HNR_1 groups is ~~chosen~~ selected from the group consisting of hydrogen, arylalkyl (C_{1-6}) groups; and alkyl groups with functional groups selected from the group consisting of [6-aminohexyl]carbamoylmethyl-, and ω-acylated-amino, hydroxy, thiol or carboxy derivatives, where the acyl group is ~~chosen~~ selected from the group consisting of acetyl, trifluroacetyl, benzoyl, and substituted-benzoyl;

Formula IIb



wherein:

R_4 is hydroxy, mercapto, amino, cyano, aralkoxy, C_{1-6} alkoxy, C_{1-6} alkylamino or dialkylamino, with the alkyl groups optionally linked to form a heterocycle;

R_5 is hydrogen, acyl, C_{1-6} alkyl, aroyl, C_{1-5} alkanoyl, benzoyl, or sulphonate;

R_6 is hydroxy, mercapto, alkoxy, aralkoxy, C_{1-6}-alkylthio, C_{1-5} disubstituted amino, triazolyl, alkylamino or dialkylamino, where the alkyl groups are optionally linked to form a heterocycle or linked to N^3 to form an optionally substituted ring;

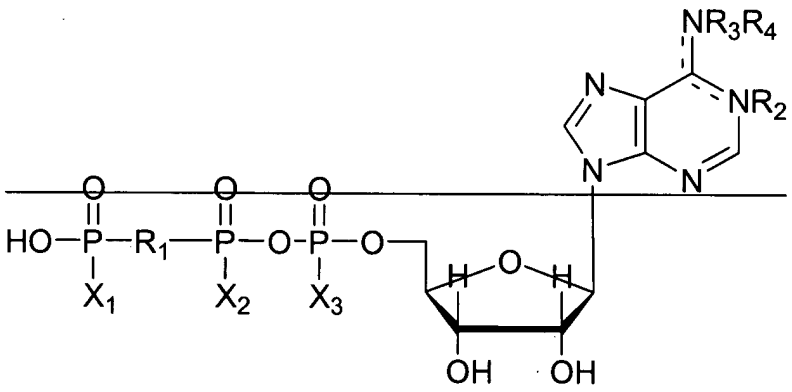
R_7 is hydrogen, hydroxy, cyano, nitro, alkenyl with the alkenyl moiety optionally linked through oxygen to form a ring optionally substituted on the carbon adjacent to the oxygen with

alkyl or aryl groups, substituted alkynyl, halogen, alkyl, substituted alkyl, perhalomethyl, C_{2-6} alkyl, C_{2-3} alkenyl, or substituted ethenyl, C_{2-3} alkynyl or substituted alkynyl;

or together $R_6 - R_7$ form a 5 or 6-membered saturated or unsaturated ring bonded through N or O at R_6, such a ring optionally contains substituents that themselves contain functionalities; provided that when R_8 is amino or substituted amino, R_7 is hydrogen; and

R_8 is hydrogen, alkoxy, arylalkoxy, alkylthio, arylalkylthio, carboxamidomethyl, carboxymethyl, methoxy, methylthio, phenoxy or phenylthio[;].

~~**Formula III**~~



~~wherein:~~

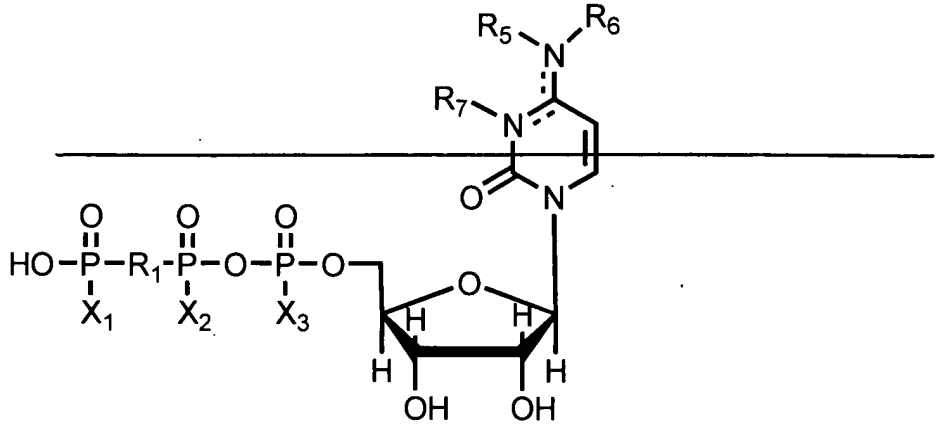
~~R_1, X_1, X_2 and X_3 are defined as in Formula I;~~

~~R_3 and R_4 are H while R_2 is nothing and there is a double bond between N-1 and C-6, or~~

~~R_3 and R_4 are H while R_2 is O and there is a double bond between N-1 and C-6, or~~

~~R_3, R_4 and R_2 taken together are -CH=CH-, forming a ring from N-6 to N-1 with a double bond between N-6 and C-6;~~

~~**Formula IV**~~



~~wherein:~~

~~R_1, X_1, X_2 and X_3 are defined as in Formula I;~~

~~R_5 and R_6 are H while R_7 is nothing and there is a double bond between N-3 and C-4, or~~

~~R_5, R_6 and R_7 taken together are -CH=CH-, forming a ring from N-3 to N-4 with a double bond between N-4 and C-4 optionally substituted at the 4- or 5-position of the etheno ring.~~

2. (Original) The method according to Claim 1, wherein said method treats nasolacrimal duct obstruction.

3. (Withdrawn) The method according to Claim 1, wherein said compound is a compound of Formula I.

4. (Original) The method according to Claim 1, wherein said compound is a compound of Formula II.

5. (Withdrawn) The method according to Claim 1, wherein said compound is a compound of Formula III.

6. (Withdrawn) The method according to Claim 1, wherein said compound is a compound of Formula IV.

7. (Currently Amended) The method according to Claim 1, wherein said administration involves topical administration of said compound via a carrier vehicle selected

from [[a]] the group consisting of drops of liquid, liquid wash, gels, ointments, sprays and liposomes.

8. (Currently Amended) The method according to Claim 7, wherein said topical administration comprises infusion of said compound to said ocular surface via a device selected from [[a]] the group consisting of a pump-catheter system, a continuous or selective release device, and a contact lens.

9. (Currently Amended) The method according to Claim 1, wherein said administration involves ~~systemic administration of said compound by~~ systemically administering a liquid or liquid suspension of said compound via nose drops, nasal spray, or nebulized liquid to oral or nasopharyngeal airways of said subject, such that a therapeutically effective amount of said compound contacts the ~~lacrimal tissues~~ eyes of said subject via systemic absorption and circulation.

10. (Currently Amended) The method according to Claim 1, wherein said ~~systemic~~ administration ~~of said compound is accomplished by~~ involves systemically administering an oral form of said compound, such that a therapeutically effective amount of said compound contacts the ~~lacrimal tissues~~ eyes of said subject via systemic absorption and circulation.

11. (Currently Amended) The method according to Claim 9, wherein said ~~systemic~~ administration ~~of said compound is accomplished by~~ involves systemically administering an injectable form of said compound, such that a therapeutically effective amount of said compound contacts the ~~lacrimal tissues~~ eyes of said subject via systemic absorption and circulation.

12. (Currently Amended) The method according to Claim 9, wherein said ~~systemic~~ administration ~~of said compound is accomplished by~~ involves systemically administering a suppository form of said compound, such that a therapeutically effective amount of said compound contacts the ~~lacrimal tissues~~ eyes of said subject via systemic absorption and circulation.

13. (Currently Amended) The method according to Claim 9, wherein said ~~systemic~~ administration ~~of said compound is accomplished by~~ involves systemically administering an

intra-operative instillation of a gel, cream, powder, foam, crystals, liposomes, spray or liquid suspension form of said compound, such that a therapeutically effective amount of said compound contacts the ~~lacrimal tissues~~ eyes of said subject via systemic absorption and circulation.

14. (Original) The method according to Claim 1, wherein said compound is administered in an amount sufficient to achieve concentrations thereof on the ocular surfaces of said subject of from about 10^{-7} to about 10^{-1} moles/liter.

15. (Currently Amended) A method of enhancing drainage of the lacrimal system in eyes comprising the step of administering to the eyes an effective drainage-enhancing amount of P^1, P^4-di(uridine-5')-tetraphosphate.